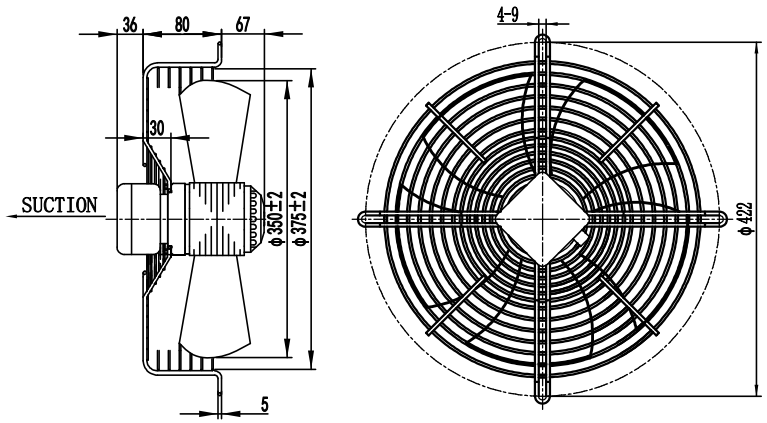
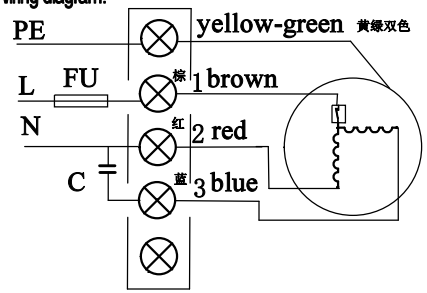
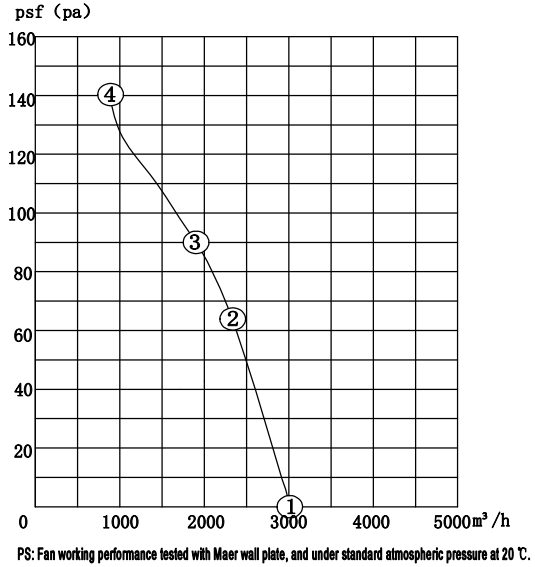


Wiring diagram:



Technical specification:

1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V·s, and the insulation resistance is not less than 100MΩ at room temperature.
4.Motor insulation class, F CLASS.
5.Motor protection level, IP54, fan protection level, IP2X.
6.The fan balance level is:1405±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7.350 concave net cover N80.
8. Built-in heat protector.
9.With Terminal block. Cassette foam.
10.With TPI bearing.
11.MaEr English neutral trademark.MaEr english mark.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.67	158	1420	3012	
②	63	0.75	178	1398	2337	
③	90	0.80	192	1381	1913	MAX EFF.
④	140	0.96	230	1333	890	IMAX

Test data at free :

connection	UAC (V)±10%	F (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	179	0.82	1405	64

Nameplate:

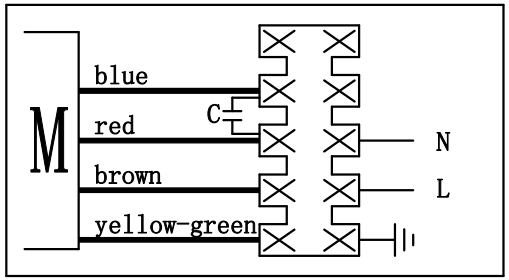
YDWF74L47P4-422N-350 S 6μF/450V
1～220V/50Hz 192W 0.80A 1381r/min@ 90Pa
η sf=24.87% N=40 CL.F IP54 2022/09

MAER	
Product model	YDWF74L47P4-422N-350 S
product type	External rotor axial flow fan
customer code	/
Product number	/
certification	CE,CCC

Condition of use:

1）voltage and frequency：1～ 220 V± 5 %， 50 Hz。
2）Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5mm².
3）Installation position: vertical or upward.
4) ambient temperature:-40～70℃。

The external wiring diagram:



Mark:

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YDWF74L47P4-422N-350 SUCTION
VOLTAGE:1～220V/50Hz
N.W/G.W. / KG
MEAS:40X40X19 CM
CL.F WITH TERMINAL BOX
XXXXXXXX

版本/Ver.		Page 1		
重量/WG.	Kg	签名/Name	日期/Date	
绘图/Drawing				
审核/Checked				
批准/Approved				
客户确认/Customer confirmation				

浙江马尔风机有限公司
MaEr Fan Motor ZHEJIANG MAER FAN MOTOR CO.,LTD.
产品规格书
Product Specification

型号/Model	YDWF74L47P4-422N-350 S
品号 P/N	